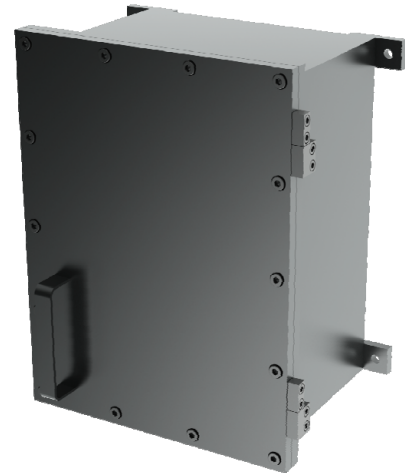


SSD Stainless Steel Enclosures

IP66

The Abtech SSD Ex d range of enclosures are manufactured from either stainless steel 316 or mild steel and provide significant levels of environmental protection. The range utilises the same flexible design approach employed on the famous Abtech SX range of Ex e enclosures. The sizes shown below are the most popular sizes, however, Abtech are also able to supply any size of enclosure as long as each dimension falls within the range of smallest to largest size, shown below. This affords the range a unique flexibility, allowing customers the ability to employ cost-effective, custom sized enclosures in their application. Ingress protected to IP66 to EN60529.



Apparatus Ratings

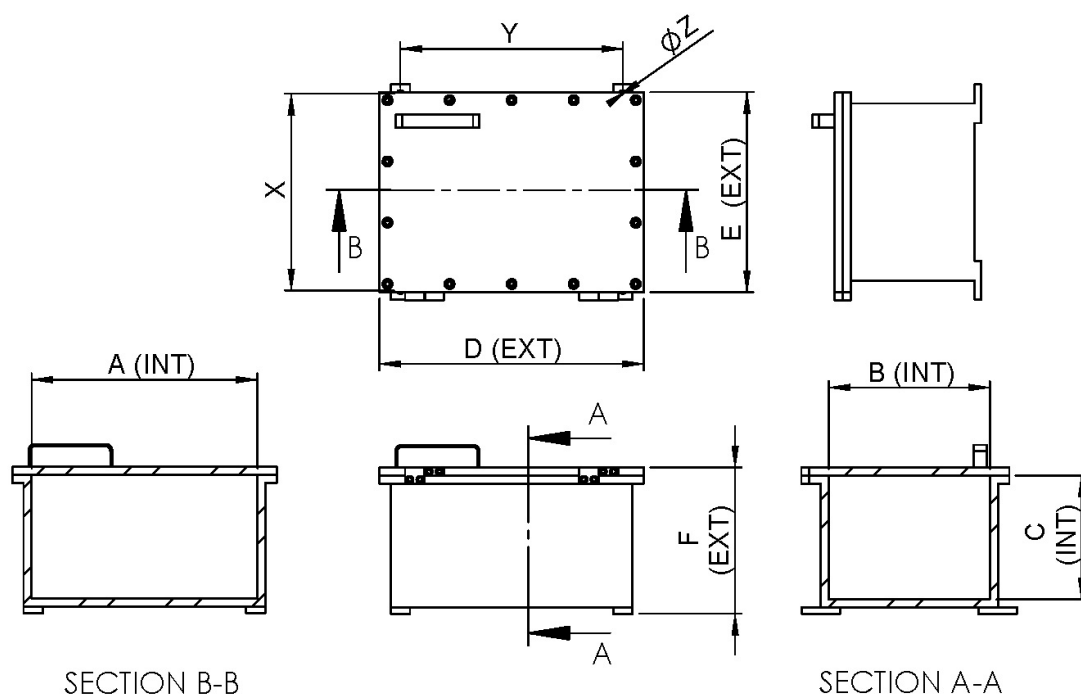
SSD Model	EXTERNAL Dimensions Length(D) x Breadth(E) x Depth(F)	INTERNAL Dimensions Length(A) x Breadth(B) x Depth(C)	Weight (kg)	Maximum Dissipated Power (W)			
				T3/T4 (200°C)	T120°C	T5 (100°C)	T6 (85°C)
SSD111	190 x 160 x 80mm	130 x 100 x 50mm	9	37	31	23	16
SSD234	290 x 230 x 170mm	230 x 170 x 140mm	22	118	100	73	53
SSD434-A	400 x 230 x 170mm	340 x 170 x 140mm	29	190	161	117	85
SSD434-B	400 x 280 x 170mm	340 x 220 x 140mm	34	190	161	117	85
SSD435	460 x 270 x 220mm	400 x 210 x 190mm	43	169	141	103	76
SSD445-A	410 x 310 x 220mm	350 x 250 x 190mm	43	207	173	127	93
SSD445	450 x 370 x 220mm	390 x 310 x 190mm	58	207	173	127	93
SSD546	590 x 330 x 240mm	530 x 270 x 210mm	78	311	260	190	139
SSD556-A	490 x 430 x 240mm	430 x 370 x 210mm	82	380	318	233	171
SSD556-B	550 x 460 x 240mm	490 x 400 x 210mm	95	380	318	233	171
SSD646	690 x 310 x 270mm	630 x 250 x 240mm	102	399	334	244	179
SSD656	750 x 400 x 280mm	690 x 340 x 250mm	146	486	406	297	218
SSD767	1080 x 630 x 420mm	1020 x 570 x 390mm	431	890	744	545	399
				STANDARD	UPON REQUEST, SUBJECT TO INTERNALS		

*All dimensions relate to enclosure with external flange. Other sizes available on request.

Product Specification

Apparatus Type	Flameproof Enclosure Range
Ingress Protection	IP66 to EN60529
Material	Stainless Steel or Mild Steel (optional)
Components	Switches, Breakers, RCD units, Indicator lamps, motor controllers, etc.
Voltage Rating	660V ac or 120V dc. (For high voltage (15kV) Ex d connection boxes see HVSD range.)
Cable Entry	Variable entry combinations on any of the 4 vertical sides.
Orientation	Universal
Mounting	Via rear mounting lugs (see dimensional data overleaf)
Supply	Standard: 110 to 254V 50/60Hz. Option: other voltages available on request
Certification	
Area Classification	Group IIB Category 2 G (Zone 1, 2)
Type of Protection	Ex d (Flameproof)
Apparatus Coding	II 2 G Ex d IIB T3 Gb (T4, T5 or T6 upon request - subject to inspection of internal components)
Ambient Temperature	-20°C ≤ Tamb ≤ 40°C or -20°C ≤ Tamb ≤ 55°C
Certificate Number	INERIS 13ATEX0019X

Apparatus Dimensions (External Flange)



	SSD111	SSD234	SSD434-A	SSD434-B	SSD445-A	SSD435	SSD445	SSD546	SSD556-A	SSD556-B	SSD646	SSD656	SSD767
DIM X (mm)	155	225	225	275	315	265	365	325	425	455	305	395	625
DIM Y (mm)	125	225	335	335	345	395	385	525	425	485	625	685	1015
DIM Z (mm)	6	6	8	8	8	8	8	8	10	10	10	12	12

Options

Mild Steel	MSD		
Paint Finish	/RALXXXX (Any RAL colour)		
Internal Flange	/INT		
Mounting Plate	/MSMP (Plated Mild Steel) or /SSMP (Stainless Steel)		

Add the required suffix to the product reference, for example SSD04/RAL7001